

Name _____

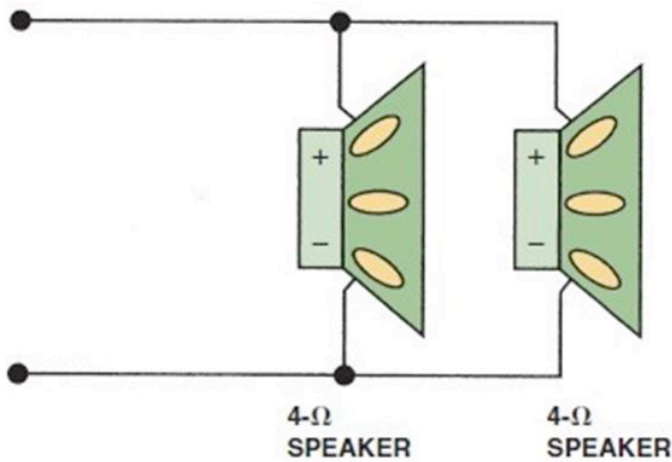
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) All of these can cause radio interference, EXCEPT _____. 1) _____
A) Defective alternator
B) Fault in the ignition system
C) Loose ground wire
D) Open in the radio power circuit

2) XM radio service uses _____ to transmit the audio signal. 2) _____
A) Satellites
B) Repeater towers
C) Both A and B
D) Neither A nor B

3) Technician A says that crossovers are used to block certain frequencies to allow each type of speaker to perform its job better. Technician B says that a high-pass filter is used to block high-frequency sounds being sent to large woofer speakers, and a low-pass filter blocks low-frequency sounds being sent to tweeters. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

4) These speakers have a combined impedance of _____. 4) _____



- A) 2 ohms
- B) 8 ohms
- C) 12 ohms
- D) 16 ohms

- 5) If two 4-ohm speakers are connected in parallel, meaning positive (+) to positive (+) and negative (-) to negative (-), the total impedance will be _____. 5) _____
A) 8
B) 6
C) 2
D) 1
- 6) 100,000 μ F means _____. 6) _____
A) 0.10 farad
B) 0.01 farad
C) 0.001 farad
D) 0.0001 farad
- 7) An antenna lead-in wire should have how many ohms of resistance between the center terminal and the grounded outer covering? 7) _____
A) Less than 5 ohms
B) 5-50 ohms
C) 300-500 ohms
D) Infinity (OL)
- 8) The number of times a particular waveform repeats itself in a given amount of time (frequency) is measured in _____. 8) _____
A) Hertz
B) Coulombs
C) Ersteads
D) Watts
- 9) To safely install a power amplifier in-line capacitor, it must first be _____. 9) _____
A) Precharged
B) Discharged
C) Uncharged
D) Grounded
- 10) What maintenance should be performed on a power antenna to help keep it working correctly? 10) _____
A) Remove it from the vehicle and lubricate the gears and cable
B) Clean the mast with a soft cloth and lubricate with light oil
C) Disassemble the mast and pack the mast with silicone grease (or equal)
D) Loosen and then retighten the retaining nut

Answer Key

Testname: AEE6_30A

1) D

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2) C

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3) A

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4) A

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5) C

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6) A

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7) D

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8) A

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9) A

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10) B

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